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IDS Flag Clearance for Application 09753082

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
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EAST Search History

Updated \$ 09/753,08
(RLE2)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	931	(714/15).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:48
L2	216	(714/16).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:49
L3	88	(714/19).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:49
L4	479	(714/39).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:49
L5	765	(717/124).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:51
L6	393	(717/128).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:54
L7	16	(Sarrah-anthony\$ or eatough-david\$). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/09 18:55
L8	2397	configur\$3 same (repair\$4 or fix\$4) same remot\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:56

EAST Search History

L9	657	8 same (application or program or software)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:03
L10	342668	detect\$4 near3 (fail\$4 or error\$4 or problem or fault\$4 or malfunction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:57
L11	10	9 same L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:59
L12	87	9 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:00
L13	82	12 and (monitor\$3 or track\$3 or check\$3 same (system adj call))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:01
L14	17700	(fix\$3 or repair\$3) adj3 (application or program or software)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:03
L15	24	13 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:03
S1	133712	(continu\$6 or frequent\$4 or often\$4 or repeat\$4) near3 (monitor\$4 or track\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:38

EAST Search History

S2	6040	S1 with (application or program or software)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:56
S3	302858	detect\$4 near3 (fail\$4 or error\$4 or problem or fault\$4 or malfuntn)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 13:50
S4	54	S2 with S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 13:51
S5	4	S4 same (repair\$4 or fix\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 13:58
S6	27	S4 and (repair\$4 or fix\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 13:58
S7	5	S6 and ("714"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 14:45
S8	0	S6 and ("717"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 14:45
S9	12	S6 and (7\$/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 15:04

EAST Search History

S10	15	S6 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/11 15:04
S11	886	(714/15.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 12:31
S12	201	(714/16.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:04
S13	444	(714/39.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:30
S14	15	(Sarrah-anthony\$ or eatough-david\$). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:54
S15	176097	(continuu\$6 or frequent\$4 or often\$4 or repeat\$4) near3 (monitor\$4 or track\$4 or check\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:44
S16	142364	(continuu\$6) near3 (monitor\$4 or track\$4 or check\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:45
S17	77284	(continuu\$6) near (monitor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:46

EAST Search History

S18	146015	(continues\$6 or frequent\$4 or often\$4 or repeat\$4) near3 (monitor\$4 or track\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:46
S19	6825	S18 with (application or program or software)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:48
S20	328637	detect\$4 near3 (fail\$4 or error\$4 or problem or fault\$4 or malfunction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:47
S21	66	S19 with S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:46
S22	32	S21 and (repair\$4 or fix\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:50
S23	7	S22 and ("714"/\$.cccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 14:24
S24	1828	S17 same S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:48
S25	765	S17 with S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:48

EAST Search History

S26	48	S25 with (application or program or software)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 13:49
S27	0	(repair\$4 or fix\$4) same S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:55
S28	22	(repair\$4 or fix\$4) and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 14:09
S29	26	S26 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 14:18
S30	1839	(717/100,124,127,128).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 18:51
S31	0	S21 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 14:22
S32	1	(S19 same S20) and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 14:23
S33	28	(S19 same S20) and ("714"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 14:25

EAST Search History

S34	2	(S19 same S20) and ("717"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 14:25
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#3	((configure<in>metadata) <and> (remote<in>metadata)) <and> (repair application<in>metadata)	0
#4	((configure<in>metadata) <and> (remote<in>metadata)) <and> (repair application<in>metadata)	0
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181 [Reviewed articles: A clean slate 4D approach to network control and management](#)

 Albert Greenberg, Gisli Hjalmysson, David A. Maltz, Andy Myers, Jennifer Rexford, Geoffrey Xie, Hong Yan, Jibin Zhang
October 2005 **ACM SIGCOMM Computer Communication Review**, Volume 35 Issue 5

Publisher: ACM Press

Full text available: pdf(313.74 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Today's data networks are surprisingly fragile and difficult to manage. We argue that the root of these problems lies in the management planes--the software and protocols coordinating network elements--and particularly the way they are inexorably intertwined. We advocate a complete refactoring of the functionality and propose three key principles, and direct control--that ...

Keywords: control, network management, robustness

182 [BASE: Using abstraction to improve fault tolerance](#)

 Miguel Castro, Rodrigo Rodrigues, Barbara Liskov
August 2003 **ACM Transactions on Computer Systems (TOCS)**, Volume 21 Issue 3

Publisher: ACM Press

Full text available: pdf(438.18 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Software errors are a major cause of outages and they are increasingly exploited in malicious attacks. Byzantine fault tolerance mask some software errors but it is expensive to deploy. This paper describes a replication technique, BASE, which provides Byzantine fault tolerance and to improve its ability to mask software errors. BASE reduces cost because it enables simpler implementations. It improves availability ...

Keywords: Byzantine fault tolerance, N-version programming, asynchronous systems, proactive recovery, state machine replication

183 [Data base system objectives as design constraints](#)

 Mary E. Snuggs, Gerald J. Popek, Ronald J. Peterson
December 1974 **ACM SIGMIS Database**, Volume 6 Issue 3

Publisher: ACM Press

Full text available: pdf(724.77 KB)

 Additional Information: [full citation](#), [references](#)

EAST Search History

L18	189090	detect\$4 near3 (fail\$4 or error\$4 or problem or fault\$4 or malfunction)	US-PGPUB; USPAT	OR	ON	2006/07/09 19:41
L19	13577	(fix\$3 or repair\$3) adj3 (application or program or software)	US-PGPUB; USPAT	OR	ON	2006/07/09 19:42
L20	27	17 and 18 and 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:42
L21	1	20 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:43
L22	0	20 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:43
L23	1	20 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:43
L24	0	20 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:43
L25	0	20 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:43
L26	0	20 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:44

EAST Search History

L27	0	20 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/09 19:44
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